

TO MR. RODDY CO.  
BUREAU OF LAND MANAGEMENT  
35 E. 500 N. FARMORE,  
UTAH 84631

EXPIRED 07/31/95

PLAN OF OPERATIONS  
FOR MINING ACTIVITIES  
ON ~~NATIONAL FOREST~~ LANDS  
B.L.M.

Submitted by NORTHERN STONE SUPPLY, INC. PRESIDENT

8/31/94

Signature Title  
By Gary M. Mullard

Date

Plan Received by

Signature

Title

Date

I. GENERAL INFORMATION

- A. Name of Mine/Project EBONY AND IVORY No. 1 UMC 337569
- B. Type of Operation LODE  
(lode, placer, mill, exploration, development, production, other)
- C. Is this a (new) (continuing) operation? (CIRCLE ONE)  
If continuing a previous operation, this plan (replaces) (modifies) a previous plan of operation. (CIRCLE ONE)
- D. Proposed start-up date of operation OCTOBER 1994
- E. Proposed duration of operations UNKNOWN
- F. Proposed seasonal reclamation close-out JANUARY
- G. Expected date for completion of all reclamation UNKNOWN

II. PRINCIPALS

A. Name, address and phone number of operator NORTHERN STONE SUPPLY, INC.  
P.O. Box 249, OAKLEY, IDAHO 83346 PHONE 208-862-3353  
FAX 208-862-3648

B. Name, address, and phone number of authorized field representative (if other than the operator). Attach authorization to act on behalf of operator.

C. List the owners of the claims (if other than the operator)

- D. List name and address of any other lessees, assigns, agents, etc. and briefly describe their involvement with the operation, if applicable:

### III. PROPERTY OR AREA

Name of claim, if applicable, and the legal land description where the operation will be conducted.

MC #	Name	Section	Township	Range
	<u>EBONY &amp; IVORY NO. 1</u>	<u>15</u>	<u>23 S.</u>	<u>13 W.</u>

### IV. DESCRIPTION OF THE OPERATION

- A. **Access.** Show on a map (USGS quadrangle map or a National Forest map, for example) the claim boundaries, if applicable, and all access needs such as roads and trails, on and off the claim. Specify which ~~Forest~~ BLM Service roads will be used, where maintenance or reconstruction is proposed, and where new construction is necessary. For new construction, include construction specifications such as widths, grades, etc., location and size of culverts, describe maintenance plans, and the type and sizes of vehicles and equipment that will use the access routes.

Road access is in place and on level  
ground. No new roads are anticipated. Road  
use will be very low and would involve  
only a few Diesel highway trucks per year.  
Operator would grade and maintain short access road to mine.

- B. **Map, Sketch or Drawing.** Show location and layout of the area of operation. Identify any streams, creeks or springs if known. Show the size and kind of all surface disturbances such as trenches, pits, settling ponds, stream channels and run-off diversions, waste dumps, drill pads, timber disposal or clearance, etc. Include sizes, capacities, acreage, amounts, locations, materials involved, etc.

No streams or water near the working area. Total  
disturbed area should not exceed 1/2 acre for the  
first few years. The operation will involve a system of  
benches 10 to 15 Ft. high and not over 50 Ft. long

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)

- C. **Project Description.** Describe all aspects of the operation: how clearing will be accomplished, topsoil stockpiled, waste rock placement, tailings disposal, etc. Calculate production rates and total volumes of waste rock and ore. Include justification and calculations for settling pond capacities and, the size of runoff diversion channels.

1. For first 12 months:

no clearing will be required. Little or no top soil exists, but what there is will be neatly stockpiled for future use. First year production will not exceed 150 tons and we anticipate a maximum of 25% waste, hopefully much less. a maximum total of 185 tons would be removed. Any waste stone would be neatly stockpiled to be placed back in the excavated area when the operation is concluded.

2. For total life of project:

undetermined at this time.

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)

- D. **Equipment and Vehicles.** Describe that which is proposed for use in your operation (Examples: drill, dozer, wash plant, mill, etc.). Include: sizes, capacity, frequency of use, etc.

4 wheel drive back hoe - loader, hand held drilling equipment, hydraulic hammer mounted on back hoe or 1 yd. Track mounted excavator. We would expect to do all of our exploration, test work, site prep and extraction go down within a period of 30 days or less, the first year,

- E. **Structures.** Include information about fixed or portable structures or facilities planned for the operation. Show their locations on the map. Include such things as living quarters, storage sheds, mill buildings, thickener tanks, fuel storage, powder magazines, pipe lines, water diversions, trailer, sanitation facilities including sewage disposal, etc. Include justification and calculations for sizing of tanks, pipelines and water diversions.

no structures needed

## V. ENVIRONMENTAL PROTECTION MEASURES (SEE 36 CFR 228.8)

- A. **Air Quality.** Describe measures proposed to minimize impacts on air quality such as obtaining a burning permit for slash disposal or dust abatement on roads.

no air quality problems

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)

B. **Water Quality.** State how applicable state and federal water quality standards will be met. Describe what measures or management practices will be used to minimize water quality impacts and meet applicable standards.

1. State whether water is to be used in the operation, and if so, how. If water is used in the operation (processing ore, washing ore, solution make-up, etc.) state how the water will be stored, treated and disposed of. If ponds of any type are proposed, such as for storage or settling, state how they will be designed and built. Provide storage capacities. State how ponds will be maintained on an annual basis.
2. Describe methods to control erosion and surface water runoff from all disturbed areas, including waste and tailings dumps.
3. Describe proposed surface water and ground water quality monitoring, if required, to demonstrate compliance with federal or state water quality standards.
4. Describe the measures to be used to minimize potential water quality impacts during seasonal closures, or for a temporary cessation of operations.
5. If land application is proposed for waste water disposal, the location and operation of the land application system must be described. Also describe how vegetation, soil, and surface and groundwater quality will be protected if land application is used.

*water will not be used*

C. **Solid Wastes.** State whether the proposed operations will produce tailings, dumpage, or other waste, and if so, what types of waste and their estimated quantities. State how tailings, dumpage, or other waste produced by operations will be disposed of or treated so as to minimize adverse impacts upon the environment and forest surface resources.

*no waste*

D. **Scenic Values.** State how scenic values will be protected (such as screening, slash disposal, timely reclamation, etc.).

*we will be doing a very neat, clean, well organized small mine operation that will have minimal visual impact. As we progress, timely and regular reclamation programs will be conducted.*

(If more space is needed to fill out a block of information, use additional sheets and attach to form.)

E. **Fish and Wildlife.** Describe practicable measures to maintain and protect fisheries and wildlife, and their habitat (includes threatened, endangered, and sensitive species) affected by the operations.

*no fish in area*

F. **Cultural Resources.** Describe measures for protecting known historic and archeological values.

*no cultural resources are evident in this area.*

G. **Hazardous Substances.**

1. List all substances including cyanide by name and quantity, which you intend to use or generate during the proposed operation.

*none will be used*

2. Describe generation, handling, storage, disposal, security (fencing), identification (signing/labeling), or other special operations requirements for substances necessary to conduct the proposed operation.

*on site storage should not be required this first year. No fencing required at this time, but we may want to install steel gates and signage at the actual entrance to the quarry area.*

3. Describe the measures that will be taken if a release of a reportable quantity of a hazardous does occur.

*not to be used*

H. **Close-out Reclamation.** Describe such items as: (1) the removal of structures and facilities including bridges and culverts, (2) new construction prior to reclamation, (3) a revegetation plan, (4) permanent containment of mine tailings, waste, or sludges which pose a threat of a release into the environment, (5) closing ponds associated with the operations and eliminating any standing water, (6) a final surface shaping plan, and (7) post operations monitoring and maintenance plan.

*no structures. Quarry site will be contoured to look as natural as possible and seeded or planted as necessary.*

*150 L.M.*  
VI. ~~FORCES~~ ~~CHANGE~~ EVALUATION OF PLAN OF OPERATIONS

A. Recommended Changes/Modifications for Plan of Operations: \_\_\_\_\_

- B. **Bond** - As a further guarantee of faithful performance with the terms and conditions listed below, and with the reclamation requirements agreed upon in the plan of operations, the operator delivers herewith and agrees to maintain at least one of the following forms of financial guarantee:
1. Negotiable Treasury bills and notes which are unconditionally guaranteed as to both principle and interest in an amount equal at their par value to the penal sum of the bond; or
  2. Certified or cashier's check, bank draft, Post Office money order, cash, assigned certificate of deposit, assigned savings account, blanket bond, or an irrevocable letter of credit equal to the penal sum of the bond in the sum of \_\_\_\_\_ (\$\_\_\_\_\_).

The bond amount may be adjusted during the term of this approved plan of operations in response to changes in the operation. The bond calculation worksheet is attached.

#### TERMS AND CONDITIONS

- A. It is understood that this plan of operations has been approved for a period of \_\_\_\_\_ or until \_\_\_\_\_. A new or revised plan must be submitted in accordance with 36 CFR Part 228, Subpart A if operations are to be continued.
- B. It is understood that approval of this plan of operations does not constitute: (1) certification of ownership to any person named herein; and (2) recognition of the validity of any mining claim named herein.
- C. It is understood that approval of this plan of operations does not constitute: (1) certification of ownership to any person named herein; and (2) recognition of the validity of any mining claim named herein.
- D. It is understood that a bond equivalent to the actual cost of performing the agreed upon mitigation and reclamation measures may be required before this plan can be approved.
- E. It is understood that approval of this plan does not relieve me of my responsibility to comply with any other applicable state or federal laws, rules or regulations.
- F. It is understood that information provided with this plan marked confidential will be treated in accordance with the agency's laws, rules and regulations.
- G. It is understood that if previously undiscovered cultural resources (historic or prehistoric objects, artifacts, or sites) are exposed as a result of operations, those operations will not proceed until notification is received from the Authorized Officer that provisions for mitigating unforeseen impacts as required by 36 CFR 228.4(e) and 36 CFR 800 have been complied with.

I/We have reviewed and agree to comply with all conditions in this plan of operations, including the recommended changes and reclamation requirements. I/We understand that the bond will not be released until the Authorized Officer in charge gives written approval of the reclamation work.

\_\_\_\_\_  
Operator (or Authorized Representative) (Date)

\_\_\_\_\_



**OPERATING PLAN:**

\_\_\_\_\_  
(Name)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Authorized Officer)

\_\_\_\_\_  
(Date)

Public reporting burden for this collection of information is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Agriculture, Clearance Officer, OIRM, Room 404-W, Washington, D.C. 20250; and to the Office of Management and Budget, Paperwork Reduction Project (OMB #0596-0022), Washington, D.C. 20503.

STANLEY F. HAMILTON - DIRECTOR

BOARD OF LAND  
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Sup't. of Public  
Instruction

June 1, 1994

Northern Stone Supply, Inc.  
P.O. Box 249  
Oakley, Idaho 83346

**SUBJECT: 1993 Reclamation Awards**

It is my pleasure to inform you that your company has been nominated in the following category for the 1993 reclamation awards:

**Excellence in Annual Operations - Material Sources**

The Reclamation Awards Committee will begin the selection process for finalists during the latter part of June, with the awards luncheon and presentation tentatively scheduled for September 13. Information regarding the luncheon will be forwarded to you during July.

I wish to congratulate your company on this nomination. These nominations come from a variety of sources, including state and federal agencies and peer groups and are a real indication of your company's outstanding performance.

If you have any questions, please contact me at the above address or telephone (208) 334-0232.



THOMAS R. MARKLAND, Chief  
Bureau of Minerals

TRM:sjb